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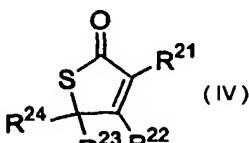
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(54) Title: NOVEL COMPOUNDS, PHARMACEUTICAL COMPOSITIONS CONTAINING SAME, AND METHODS OF USE FOR SAME



(57) Abstract: A pharmaceutical composition comprising a pharmaceutical diluent and a compound of formula IV wherein R²¹ = H, C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl, -CH₂OR²⁵, -C(O)R²⁵, -CO(O)R²⁵, -C(O)NR²⁵R²⁶, -CH₂C(O)R²⁵, or -CH²C(O)NHR²⁵, where R₂₅ and R₂₆ are each independently H, C₁-C₁₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl, optionally containing one or more halogen atoms. R²² = -OH, -OR²⁷, -OCH₂C(O)R²⁷, -OCH₂C(O)NHR²⁷, -OC(O)R²⁷, -OC(O)OR²⁷, -OC(O)NHNR²⁷, or -OC(O)NR²⁷R²⁸, where R²⁷ and R²⁸ are each independently H, C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl, and

where R²⁷ and R²⁸ can each optionally contain halogen atoms; R²³ and R²⁴, the same or different from each other, are C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl. Methods of using such formulations for the treatment of cancer, to effect weight loss, to treat microbially-based infections, to inhibit neuropeptide-Y and/or fatty acid synthase, and to stimulate CPT-1.

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